

Claims

[c1] What is claimed is:

1. A computer system comprising:

a computer host comprising:

a first housing;

a first display screen disposed on the first housing for displaying images;

a display controller electrically connected to the first display screen for outputting a first video signal to initiate the first display screen to display images corresponding to the first video signal; and

an output port disposed on the first housing, the output port being electrically connected to the display controller for transmitting a second video signal generated from the display controller; and

a display module comprising:

a second housing;

a latch device disposed on the second housing being capable of removably fixing the second housing on the first housing;

a second display screen disposed on the second housing for displaying images; and

an input port being capable of removably connecting the

output port of the computer host for receiving the second video signal to initiate the second display screen to display images corresponding to the second video signal.

- [c2] 2. The computer system of claim 1 wherein the second display screen comprises a liquid crystal display (LCD) panel.
- [c3] 3. The computer system of claim 2 wherein the display module further comprises a digitizer disposed inside the second housing, and the digitizer is electrically connected to the computer host through the output port of the computer host.
- [c4] 4. The computer system of claim 3 wherein the second display screen further comprises a protective glass disposed above a display surface of the LCD panel for protecting the LCD panel.
- [c5] 5. The computer system of claim 3 wherein the LCD panel is disposed above the digitizer.
- [c6] 6. The computer system of claim 5 wherein the digitizer is an electromagnetic digitizer.
- [c7] 7. The computer system of claim 3 wherein the digitizer is disposed above a display surface of the LCD screen.

- [c8] 8. The computer system of claim 7 wherein the digitizer is a resistive digitizer.
- [c9] 9. The computer system of claim 1 wherein the computer host is a portable computer.
- [c10] 10. The computer system of claim 1 wherein the display module further comprises a cradle, and the latch device is capable of removably fixing the display module on either the cradle or the computer host.
- [c11] 11. The computer system of claim 10 wherein the input port of the display module is capable of being electrically connected to a display driving device for receiving video signals generated from the display driving device to initiate the second display screen to display images corresponding to the video signals.
- [c12] 12. The computer system of claim 11 wherein the display driving device is the display controller of the computer host.
- [c13] 13. The computer system of claim 1 wherein the output port of the computer host is positioned on a portion of the first housing corresponding to the first display monitor, and the input port of the display module is positioned on the latch device.

[c14] 14. The computer system of claim 1 wherein the latch device comprises a pivot unit rotationally connected to the second display screen for adjusting a location associated with a display surface of the second display screen.